



NEWS

Calendar

2–7 July 2000

University of Southampton, UK

**Summer School 2000:
Instrumental Methods in Electrochemistry**

Mrs C. Chatley
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University of Southampton
Southampton SO17 1BJ
UK
Tel: +44 1703 593597
Fax: +44 1703 593781
Email: cc5@soton.ac.uk

3–5 July 2000

Basel, Switzerland

**8th International Meeting on Chemical Sensors:
IMCS 2000**

Phillipa Orme
Conference Secretariat
12 Church Street
West Hanney, Near Wantage
Oxon. OX12 0LN
Tel: +44 (0)1235 868811
Fax: +44 (0)1235 868811
Email: p.orme@dial.pipex.com
<http://www.elsevier.nl/locate/imcs2000>

10–14 July 2000

Lucerne, Switzerland

**Fuel Cell 2000
International Conference and Exhibition
(In conjunction with 4th European SOFC Forum)**

Dr Leo Blomen (Chairman)
European Fuel Cell Symposium
PO Box 99
CH-5452
Oberrohrdorf
Switzerland

10–14 July 2000

Lucerne, Switzerland

4th European SOFC Forum

Dr Augustin McEvoy (Chairman)
PO Box 99
CH-5452
Oberrohrdorf
Switzerland

27–31 August 2000

Prague, Czech Republic

**CHISA 2000
14th International Congress of Chemical and Process
Engineering**

- Special symposium on electrochemical engineering
- General chemical engineering
- Reaction engineering
- Separation processes and equipment
- Hydrodynamic processes and equipment
- Heat transfer processes and equipment
- Fluid properties, phase and chemical equilibria
- Research & development; technology management
- Process system engineering; equipment

CHISA 2000

Novotného lávka 5
116 68
Praha 1
Czech Republic
Tel: +420 2 2108 2333
Fax: +420 2 2108 2336 or +420 2 311 55 29
Email: chisa@csvts.cz
<http://www.chisa.cz>

3 September 2000

Warsaw, Poland

**Short Course on Electrochemical Characterisation of
Stable and Metastable Pitting Corrosion**

(in conjunction with 51st ISE Meeting)
Prof Dr Erika Kálmán
Chemical Research Center
Institute of Chemistry
Hungarian Academy of Sciences
1025 Budapest Pusztaszeri út 59–67
Tel: +36 1 325 7548
Fax: +36 1 325 7509
Email: kale@cric.chemres.hu

3–8 September 2000

Warsaw, Poland

51st ISE Meeting

Prof Zbigniew Stojek
Dr Marcin Palys
Department of Chemistry
University of Warsaw
ul. Pasteura 1
PL-02 093 Warsaw
Poland
Email: ise2000@chem.uw.edu.PL

4–8 September 2000

University of Ferrara, Italy

**9th European Symposium on Corrosion Inhibitors –
9 SEIC**

Secretariat of the 9 SEIC
Corrosion Study Centre "A. Dacco"
Department of Chemistry of the University
Via L. Borsari 46, I-44100 Ferrara
Italy
Tel: +39 (0)532 291134/291135
Fax: +39 (0)532 240709
Email: zhff@dns.unife.it
<http://www.unife.it/chimica/9SEIC>

10–14 September 2000

Queen Mary and Westfield College, London, UK

**EuroCorr 2000: 23rd European Corrosion Congress:
Past Successes–Future Challenges**
(EFC Event No. 235)

Cathy Pearcey
Conference Department
IOM Communications Ltd
1 Carlton House Terrace
London SW1Y 5DB
UK
Fax: +44 (0)171 839 2289

13–15 September 2000

Dublin City University, Ireland

Electrochem 2000

- Bioelectrochemistry and Biosensors
- Nanostructured and Nanopatterned Materials
- Interfacial Structure and Dynamics
- Electrocatalysis and Environmental Electrochemistry
- Electroanalysis and Sensors
- Electrochemical Technology
- New Frontiers in Electrochemistry

SCI Conference Department
14/15 Belgrave Square
London SW1X 8PS
Tel: +44(0)20 7235 3681
Fax: +44(0)20 7235 7743
Email: conferences@chemind.demon.co.uk

13–15 September 2000

Garmisch-Partenkirchen, Germany

**15th Interfinish Congress and Exhibition
in conjunction with:**

18–22 September 2000

Garmisch-Partenkirchen, Germany

**7th International Conference on Plasma Surface
Engineering (PSE 2000)**

- Tribology
- Corrosion
- Decorative coatings
- Information technology
- Shielding
- Microtechnology
- Medical applications
- New materials

Deutsche Gesellschaft für Galvano-
und Oberflächentechnik e.V. (DGO)

Horionplatz 6
D-40213, Düsseldorf
Germany
Tel: +49 (0)211 132381
Fax: +49 (0)211 327199
Email: DGO.AGG.Duesseldorf@t-online.de

18–20 September 2000

Presqu'île de Giens, France

**4th International Conference on MHD:
at the Dawn of the 3rd Millennium**

- Fundamental MHD effects; steady and pulsating flows
- Magnetoelectrolysis
- Electromagnetic processing of materials
- MHD power generation and propulsion

Béatrice Collovati
LEGI/ENSHMG
BP 53
38041 Grenoble Cedex 9
France
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Fax: +33 (0)4 76 82 52 71
Email: Beatrice.Collovati@hmg.inpg.fr
<http://www.legi.hmg.inpg.fr/mhd/pamir.html>

22–27 October 2000

Phoenix, Arizona, USA

198th Meeting of the Electrochemical Society

Brian E. Rounsavill
The Electrochemical Society Inc
10 South Main Street
Pennington, NJ 08534-2896
USA
Fax: +1 6097372743
Email: brian@electrochem.org
<http://www.electrochem.org/staff/brian/html>

22–25 October 2000

Pittsburgh, Pennsylvania, USA

**Lead-Zinc 2000 (TMS Fall Extraction and Process
Metallurgy Meeting)**

- Theory and practice of the extractive metallurgy of lead and zinc
- Recycling of the metals
- Short course on lead and zinc processing
- Post meeting technical tour of major lead and zinc plants

J.E. Dutrizac
CANMET
555 Booth Street
Ottawa, Ontario
Canada K1A 0G1
Tel: +613 995 4823
Fax: +613 996 9041

23–28 October 2000

The Klyazma resort, near Moscow, Russia

**The 7th International Frumkin Symposium:
Basic Electrochemistry for Science and Technology**

- Structure and properties of electrified interfaces
- Charge transfer in condensed media
- Transport phenomena in electrochemical systems
- Electrochemistry and new materials
- Bioelectrochemistry

Professor Boris M. Grafov
The Frumkin Institute of Electrochemistry RAS
Leninskii prospekt 31, Building 5
Moscow 117071
Russia
Tel: +7 095 952 46 48
Fax: +7 095 952 08 46
Email: symp@netra.elchem.ac.ru
<http://www.elchem.ac.ru/symp/>

9–10 November 2000

Chennai, India

International Conference on Electrochemical Power Systems (ICEPS-2000)

- Advanced primary and secondary batteries
- Lithium batteries
- Fuel cells
- Emerging concepts
- Challenges and opportunities
- Electric vehicles

Dr V. Yegnaraman
Secretary, SAEST
Central Electrochemical Research Institute
Karaikudi 630 006
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Tel: +91 4565 22368/22322
Fax: +91 4565 37779/37713/37726/38205
Email: saest@cscecri.ren.nic.in

12–16 November 2000

Clearwater Beach, Florida, USA

14th International Forum on Applied Electrochemistry: Electrochemical Technology for the 21st Century

- Short course on electrochemical treatment of effluents
- Electrosynthesis of materials
- Environmental treatment and recycling
- Energy conversion
- Cell design and scale-up
- Exhibits of technology, electrodes and instrumentation

Pamela Sieracki
Electrosynthesis Company
Tel: +716 684 0513
Email: psieracki@electrosynthesis.com
<http://www.electrosynthesis.com>

7–8 December 2000

University of Western Sydney, Australia

Australasian Symposium on Trace Analysis and Environmental Monitoring

- Current environmental pollution issues
- Quality issues
- Sampling and environmental materials
- Sample preparation

- Trace instrumental techniques
- Design of field investigations
- Environmental monitoring and management strategies
- Chemometrics and data evaluation

Judy Edwards
Administrative Officer
CERAT
School of Civil Engineering & Environment
UWS Nepean
PO Box 10 Kingswood
NSW 2747 Australia
Fax: +61 2 4736 045757
Email: s.adelojou@uws.edu.au

10–14 December 2000

University of Western Sydney, Australia

Eleventh Australasian Electrochemistry Conference (11AEC): Advancing Electrochemistry in the New Millennium

Prof Sam Adejolu
CERAT
School of Civil Engineering & Environment
UWS Nepean
PO Box 10 Kingswood
NSW 2747 Australia
Fax: +61 2 4736 0457
Email: cerat@uws.edu.au

10–11 January 2001

University of Portsmouth, UK

(Institute of Corrosion) Short Course on Fundamentals of Corrosion

Dr Des Barker
Applied Electrochemistry Group
University of Portsmouth
St Michael's Building
White Swan Road
Portsmouth PO1 2DT, UK
Email: des.barker@port.ac.uk

Institute of Corrosion
4 Leck House, Lake Street
Leighton Buzzard
Bedfordshire LU7 8TQ
Tel: +44 (0) 1525 851771
Fax: +44 (0) 1525 376690
Email: admin@icorr.demon.co.uk

19–21 March 2001

Gulf Hotel, Bahrain

9th Middle East Corrosion Conference and Exhibition

Mr Abdullah M. Al-Ghamdi
NACE Technical Programme Committee
The Bahrain Society of Engineers
PO Box 1727
Dharan 31311
Saudi Arabia
Tel: +966 3 873 8540
Fax: +966 3 873 0988
Email: ghamam00@aramco.com.sa

4–5 April 2001

Southampton, UK

**Development of Electrolytic Processes-
Laboratory Techniques and Pilot Scale Experience:
a Short Course**

- Review of electrochemistry principles
- Electrode materials
- Ion exchange membranes
- Electrosynthesis
- Environmental treatment and recycling
- Energy conversion
- Trends in electrochemical processing

The Electrochemical Consultancy Ltd
Underhill
Fairview Drive
Romsey
Hants. SO51 7LQ
Tel: +44 (0) 1794 514496
Fax: +44 (0) 1794 500961
derek@pletcher.demon.co.uk

25–27 April 2001

Saint-Etienne, France

**3rd International Colloquium on Hard & Decorative
Chromium Plating: The Challenge of the 21st Century**

- Bath control
- Deposit characterisation
- Process improvement
- Recycling and environmental issues
- New chromium plating processes
- Electrochemical, electroless and other alternative deposition strategies
- Industrial experience

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158 cours Fauriel
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17–22 June 2001

Marilleva (Trento), Italy

**5th International Symposium on Impedance
Spectroscopy (EIS 2000)**

- Science and applications
- Corrosion and electrodeposition
- Electrochemical kinetics
- Electronically- and ionically conducting polymers
- Semiconductors
- Batteries and fuel cells

Prof Pier Luigi Bonora
Local Organising Committee EIS 2001
Laboratory of Industrial Control
Department of Materials Engineering
University of Trento
38050 Mesiano, Trento
Italy
Tel: +39 0461 882428

Fax: +39 0461 881977
Email: eis2001@ing.unitn.it
http://www.ing.unitn.it/home_news.html

26–28 June 2001

Nurnberg, Germany

**Electrochemical Applications of Membranes
(As part of ECCE3 Meeting)**

One-page abstracts should be sent, by 31 August 2000, to:
VDI-GVC, PO Box 10 11 29
D-40002 Düsseldorf
Germany
Tel: +49 211 6214 257
Fax: +49 211 6214 162
Email: ECCE@vdi.de
Advice on suitability of technical papers from:
Prof Enrico Drioli
e.drioli@unical.it
Prof Tony Wragg
a.a.wragg@exeter.ac.uk

02–06 July 2001

Lucerne, Switzerland

**The Fuel Cell Home:
Residential Applications of Fuel Cells**

PO Box 99
CH-5452
Oberrohrdorf
Switzerland

July 2001

University of Newcastle, UK

Short Course on Electrochemical Process Engineering

- Principles of electrochemical engineering
- Reactor modelling and design
- Laboratory workshops

Prof K. Scott
Department of Chemical and Process Engineering
University of Newcastle
Merz Court
Newcastle upon Tyne NE1 7RY
Fax: 0191 222 5292
Email: j.backhurst@ncl.ac.uk

9–13 July 2001

Montreal, Québec, Canada

**Fourth International Symposium on New Materials in
Electrochemical Systems**

- Fuel cells
- Supercapacitors
- Advanced batteries
- Sensors
- Materials synthesis and characterisation
- Systems integration and commercial aspects

Prof O. Savadogo
Génie des Matériaux
Ecole Polytechnique de Montreal

CP 6079 Succ. Centre-Ville
 Montreal, QC H3C 3A7
 Canada
 Tel: +1 514 340 4725
 Fax: +1 514 340 4468
 Email: osavadogo@mail.polymtl.ca
<http://www.newmaterials.polymtl.ca>
<http://www.polymtl.ca/congres/material.htm>

25–30 August 2001

Toronto, Ontario, Canada

Electrometallurgy 2001

International symposium on fundamental and applied advances in the electrometallurgy of Co, Ni, Zn, Cu and Pb

- Plant practice
- Cell design
- Anodes for electrowinning
- Electrode kinetics
- Mathematical modelling
- Molten salt electrowinning and electrorefining

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 Fax: +250 364 4400
 Email: alberto.gonzalez@trail.cominco.com

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 Fax: +604 822 3619
 Email: kelsall@cmpe.ubc.ca
<http://www.metsoc.org>

2–6 September 2001

Montpellier, France

Polymers in the Third Millennium

- Polymer synthesis and modification
- Polymers in the living environment
- Polymers in electrical and electromagnetic environments
- Structure and characterisation of polymers

Conference Secretariat, SCI
 14/15 Belgrave Square
 London SW1X 8PS
 Fax: +44(0)171 235 7743

2–7 September 2001

San Francisco, USA

52nd ISE Meeting

O. Dossenbach
 Email: odossenbach@pingnet.ch
<http://www.electrochem.org/meetings/200/meet.html>

18–20 September 2001

Edinburgh, Scotland

2001, A Corrosion Odyssey

(NACE-Institute of Corrosion Joint Conference and Exhibition)

Institute of Corrosion
 4 Leck House, Lake Street
 Leighton Buzzard
 Bedfordshire LU7 8TQ
 Tel: +44 (0)1525 851771
 Fax: +44 (0)1525 376690
 Email: admin@icorr.demon.co.uk
<http://www.icorr.org>
<http://www.nace.org>

15–17 April 2002

Fritz-Haber Institute, Berlin, Germany

The Dynamic Electrode Surface

Miss Shazia Riaz
 Royal Society of Chemistry
 Burlington House, Piccadilly
 London, W1V 0BN, UK
 Fax: +44 (0) 20 7734 1227

01–05 July 2002

Lucerne, Switzerland

5th European SOFC Forum

European Fuel Cell Symposium
 PO Box 99, CH-5452
 Oberrohrdorf
 Switzerland

15–20 September 2002

Dusseldorf, Germany

53rd ISE Meeting

Prof J.W. Schultze
 Institut für Physikalische Chemie II
 Universität Dusseldorf
 Universitätsstr 1
 D-4000 Düsseldorf 1
 Germany
 Fax: +49 2118112803
 Email: schultzj@rz.uni-dusseldorf.de

31 August–5 September 2003

Florianopolis, Brazil

54th ISE Meeting

September 2004

Thessaloniki, Greece

55th ISE Meeting

NEWS ITEMS

Please send details of relevant meetings and other worthy news to the News Editor. Lengthy information should be supplied as Word Windows or ASCII files on 3.5" discs.

BOOK REVIEWS

Subject areas relevant to the Journal's interests include: environmental electrochemistry, recycling and removal of contaminants, batteries, fuel cells and electrochemical energy conversion, corrosion and protection of metals, electrosynthesis (of organics, inorganics, metals, alloys, polymers, ceramics and composites), electrocatalysis, photo- and semiconductor electrochemistry, electrochemical engineering and reactor design, electrode materials and coatings, electrochemical techniques, electrochemical sensors and monitors.

Publishers are invited to send copies of new books to the News Editor: Professor Frank Walsh, Applied Electrochemistry Group, School of Pharmacy & Biomedical Sciences, University of Portsmouth, St Michael's Building, White Swan Road, Portsmouth PO1 2DT, UK, for review in this journal.

Books Recently Received for Review

N.Sato, *Electrochemistry at Metal and Semiconductor Electrodes*, Elsevier, Amsterdam, (1998), ISBN 0444

828060. (Reviewer: Prof G.H. Kelsall, University of British Columbia, Canada).

R.C. Alkire and D.M. Kolb (Eds.), *Advances in Electrochemical Science and Engineering*, Volume 6, Wiley-VCH, (1999), ISBN 0938-5193. (Reviewer: Dr E. Roberts, UMIST, UK).

Kaifer, *Supramolecular Electrochemistry*, John Wiley & Sons Ltd., (1999), ISBN 3527295976. (Reviewer: Dr V. Cunnane, University of Limerick, Ireland).

D.A. McQuarrie and J.D. Simon, *Molecular Thermodynamics*, University Science Books, Sausalito, California, (1999), ISBN 1-891389-05-X. (Reviewer: F.C. Walsh, University of Portsmouth, UK).

Brendan Fitzsimons (Compiled by), Roger Weatherhead and Peter Morgan, (Eds.), *Fitz's Atlas of Coating Defects*, Published by MPI Group, (2000), ISBN 0 9513940 2 9 (Reviewer: Prof F.C. Walsh, University of Portsmouth, UK).

R. W. Revie (Ed.), *Uhlig's Corrosion Handbook*, 2nd edition, Electrochemical Society Series, John Wiley & Sons Ltd, (2000), ISBN 0 471 15777 5 (Reviewer: Dr B.D. Barker, University of Portsmouth, UK).